CommunicationHub API

Field data

Request

SendTemperatures
+ ID: IntelligentServicesCommand
+ ClientID: string
+ ClientName: string
+ Room: string
+ Data: List<Measurement>
+ Timestamp: DataTime

<----------Use----------

Measurement
+ SensorID: int
+ Value: double

Resonse

ResponseBase
+ ID: IntelligentServicesCommand
+ Result: IntelligentServicesResult

Alarms

Request

ParameterizedRequest
+ ID: IntelligentServicesCommand
+ ClientID: string
+ ClientName: string
+ Parameters: List<string>

RequestBase.ID = 24 - Get alarms from Hub

RequestBase.ID = 25 - Get alarms from Database

Resonse

ResponseAlarms

+ ID: IntelligentServicesCommand

+ Result: IntelligentServicesResult

+ Alarms: List<ResponseAlarm>

ResponseAlarm

+ ID: IntelligentServicesCommand

+ Result: IntelligentServicesResult

+ AlarmID: string

+ OwnerID: string

+ AlarmName: string

+ Point: string

+ Description: string

+ Confirmed: bool

+ TimeOfOccurrence: DataTime

+ TimeOfOccurrence: DataTime

◁----- Use

Request

ParameterizedRequest

+ ID: IntelligentServicesCommand

+ ClientID: string

+ ClientName: string

+ Parameters: List<string>

RequestBase.ID = 26 - Confirm alarm

RequestBase.ID = 27 - Recover alarm

Resonse

ResponseBase

+ ID: IntelligentServicesCommand

+ Result: IntelligentServicesResult

Request

ParameterizedRequest

+ ID: IntelligentServicesCommand

+ ClientID: string

+ ClientName: string

+ Parameters: List<string>

RequestBase.ID = 28- Get temperatures

Resonse

ResponseTemperatures

+ ID: IntelligentServicesCommand

+ Result: IntelligentServicesResult

+ Alarms: List<ResponseAlarm>

ResponseTemperature

+ ID: IntelligentServicesCommand

+ Result: IntelligentServicesResult

+ Name: string

+ Room: string

+ T: double

+ Timestamp: DateTime

◁-----Use--------